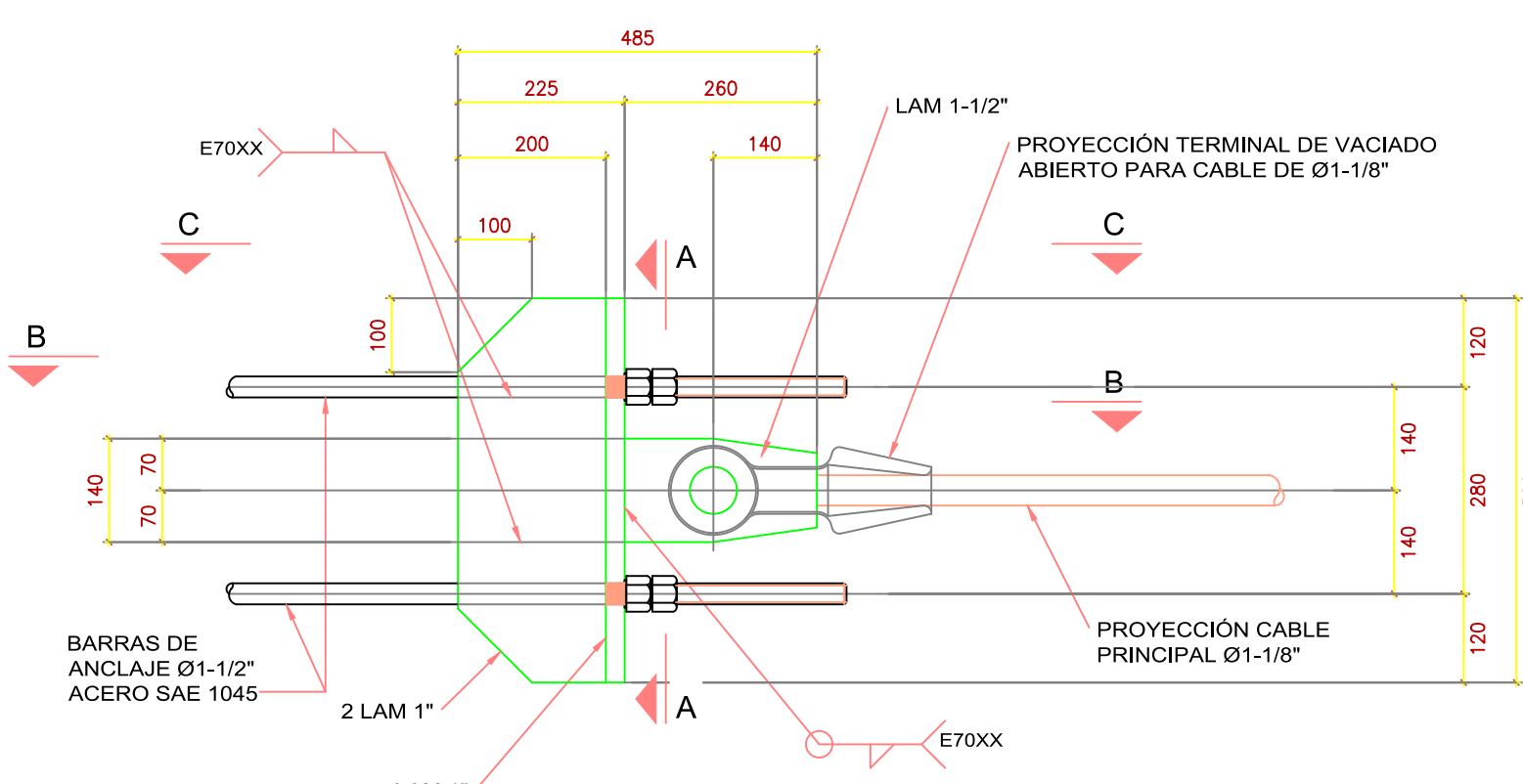
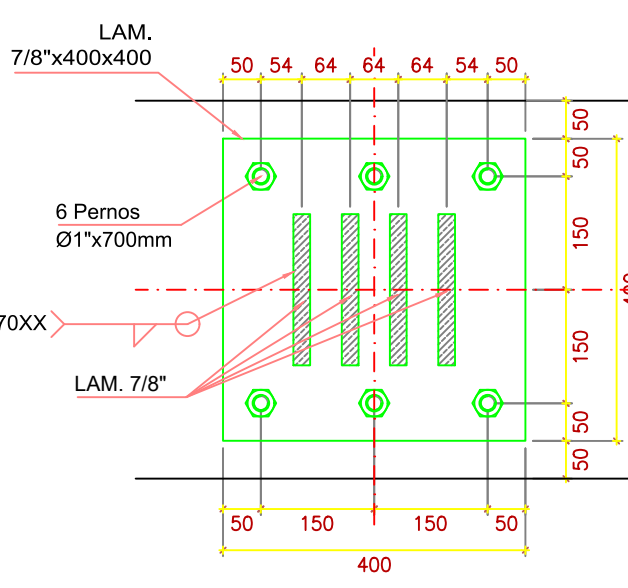


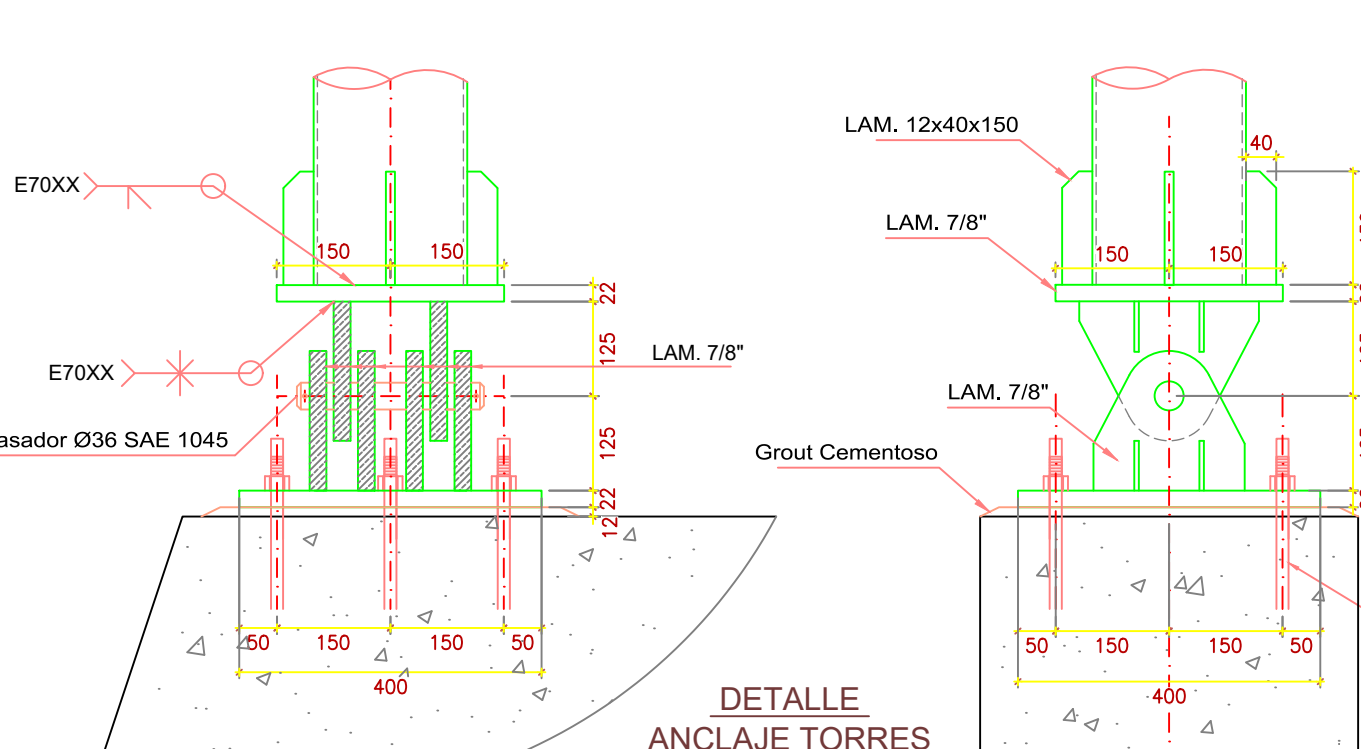
ALZADO TORRES



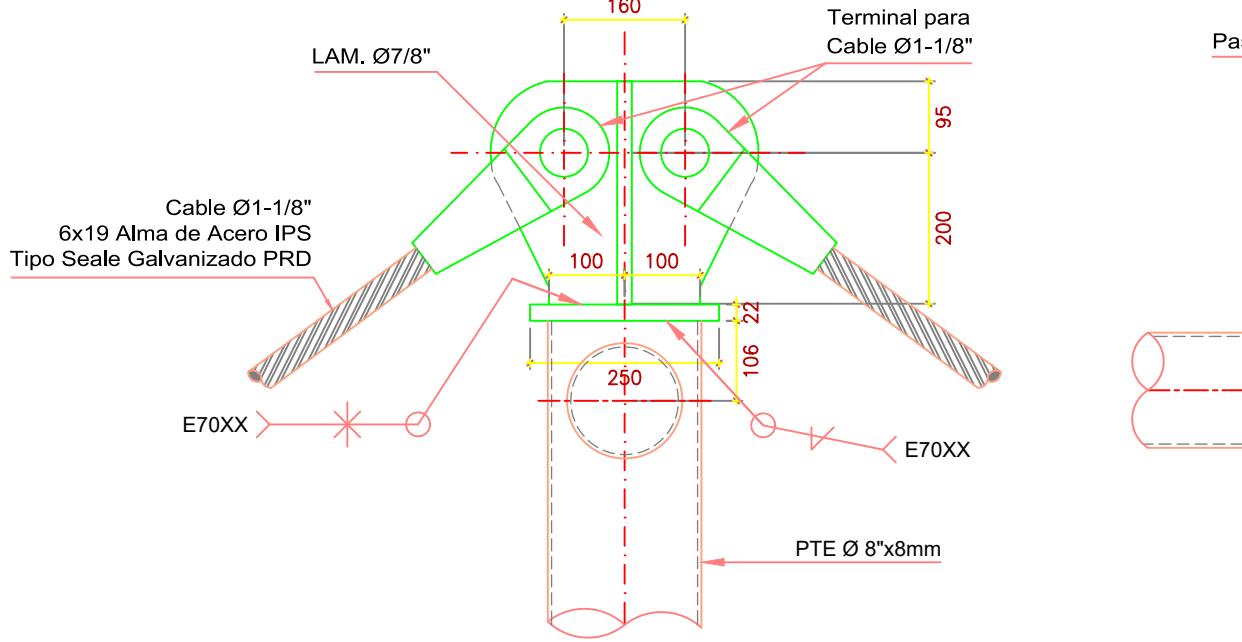
DETALLE ANCLAJE CABLES PRINCIPALES



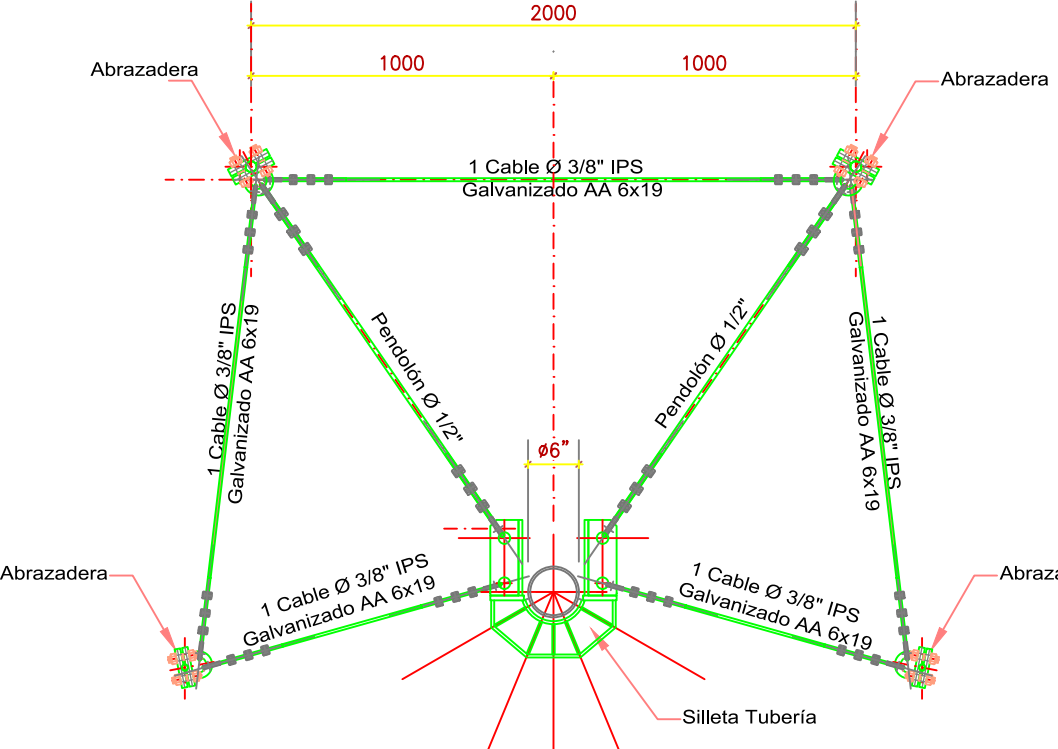
DETALLE PLACA BASE



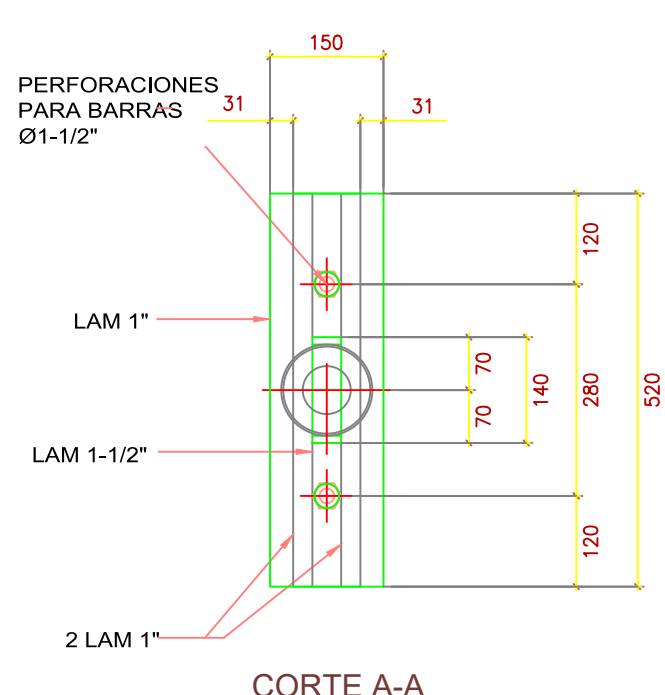
DETALLE ANCLAJE TORRES



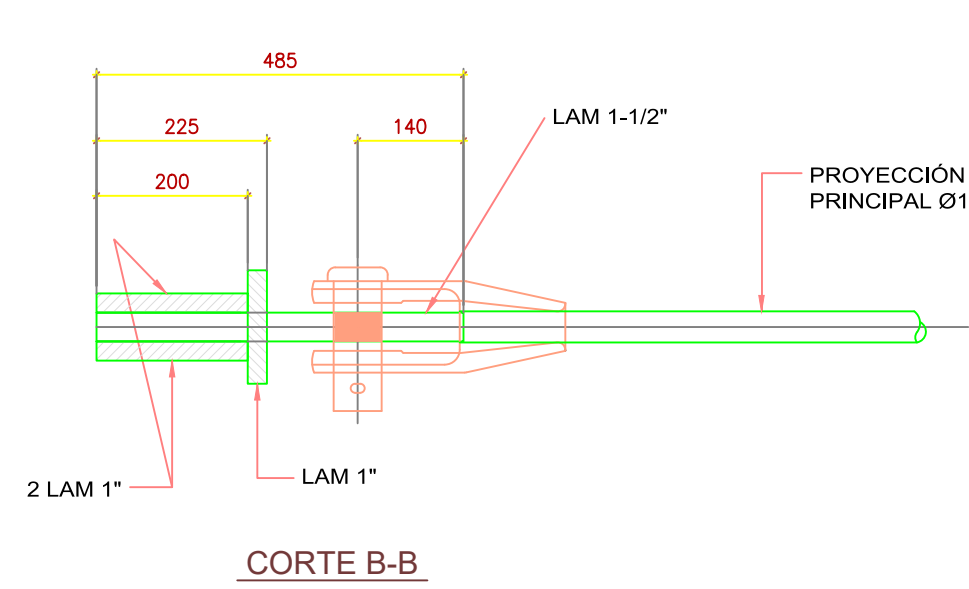
DETALLE APOYO CABLES EN LA CABEZA DE TORRES



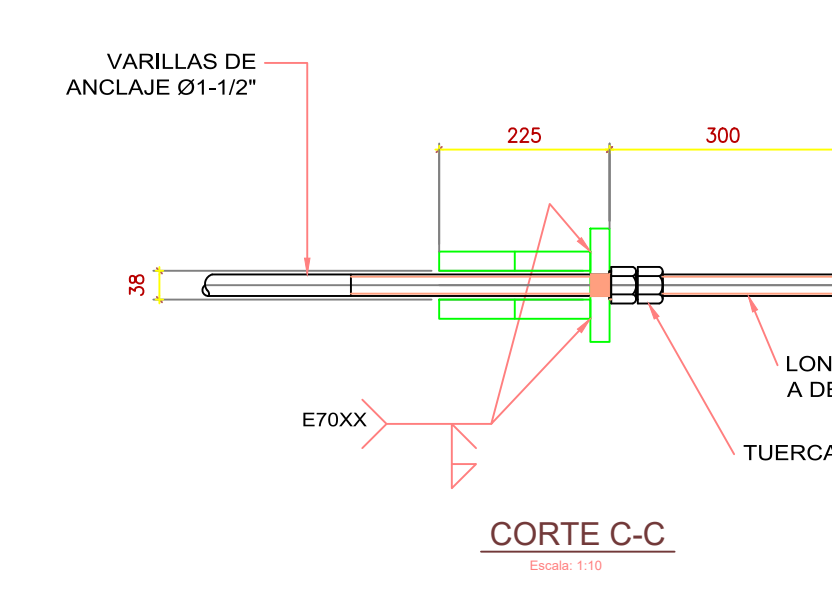
DETALLE TÍPICO SECCIÓN PUENTE



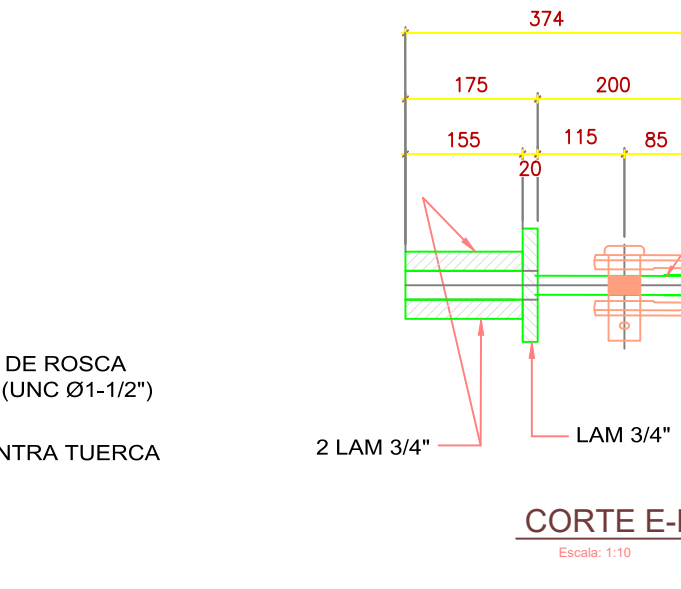
CORTE A-A



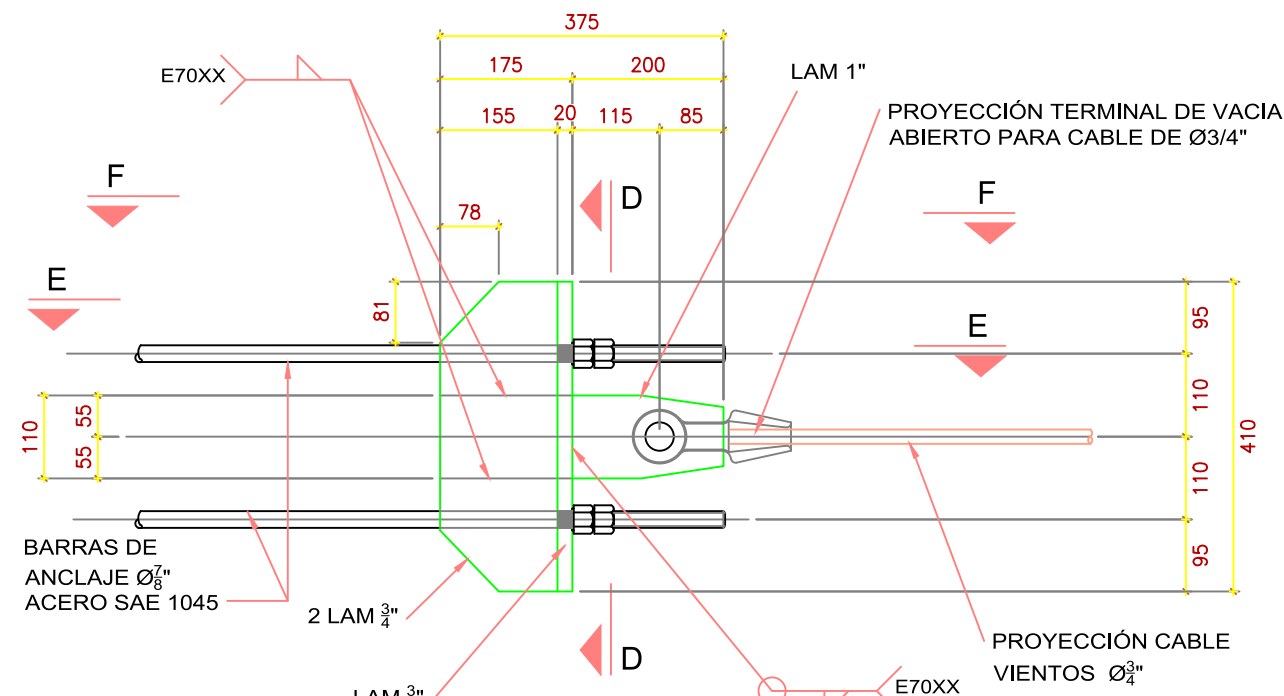
CORTE B-B



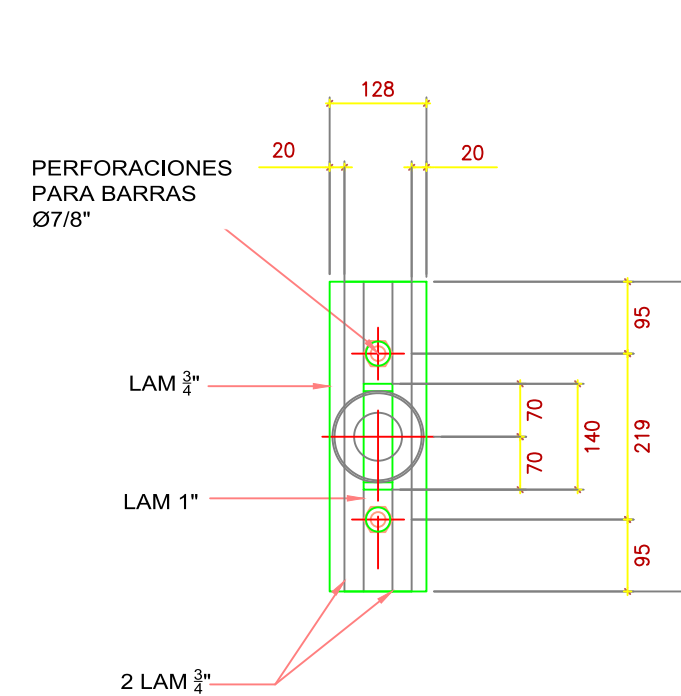
CORTE C-C



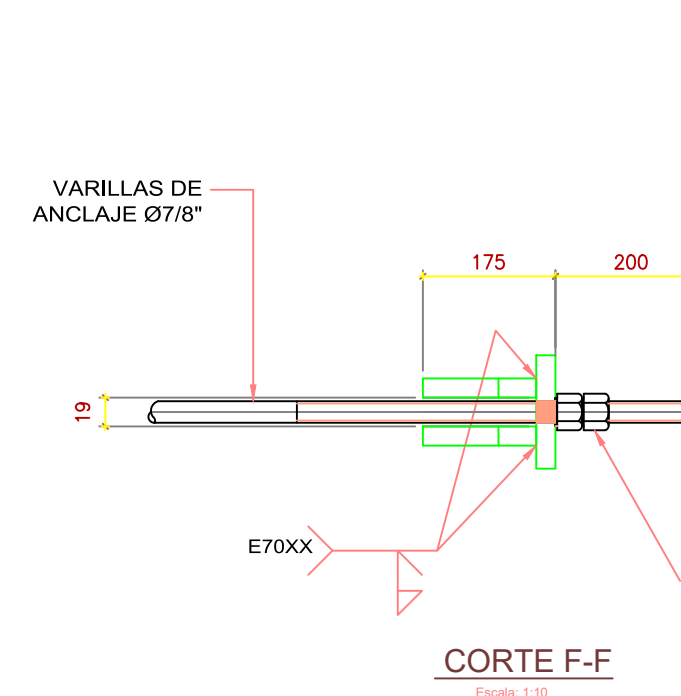
CORTE E-E



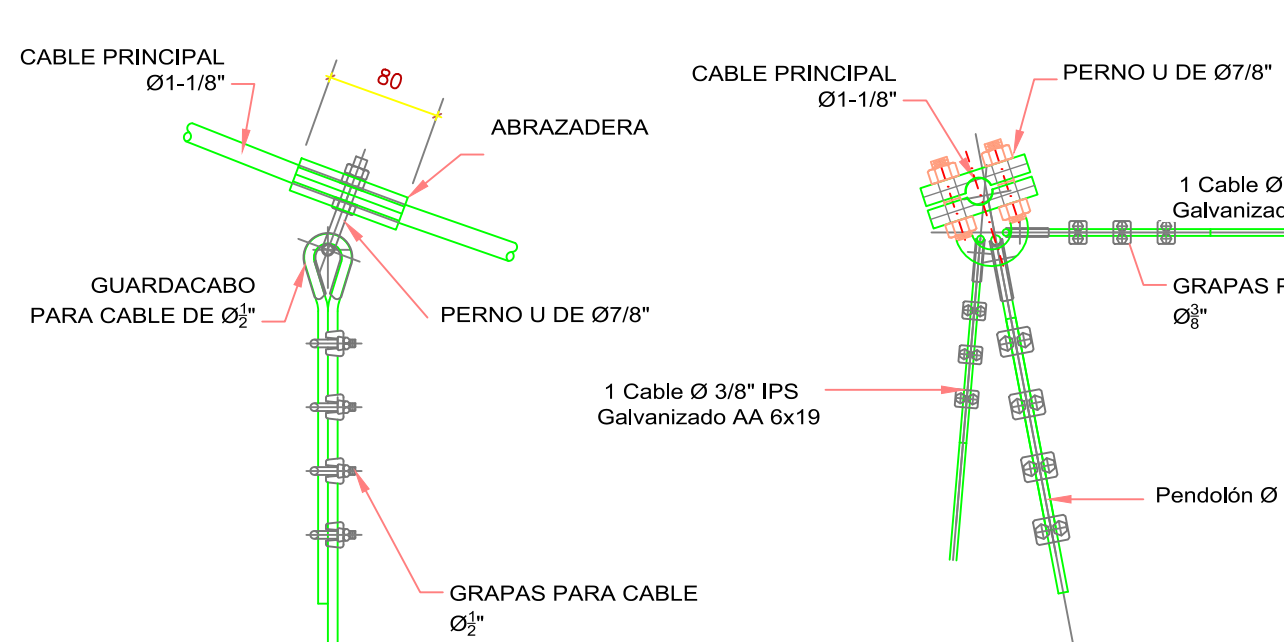
DETALLE ANCLAJE CABLES VIENTOS



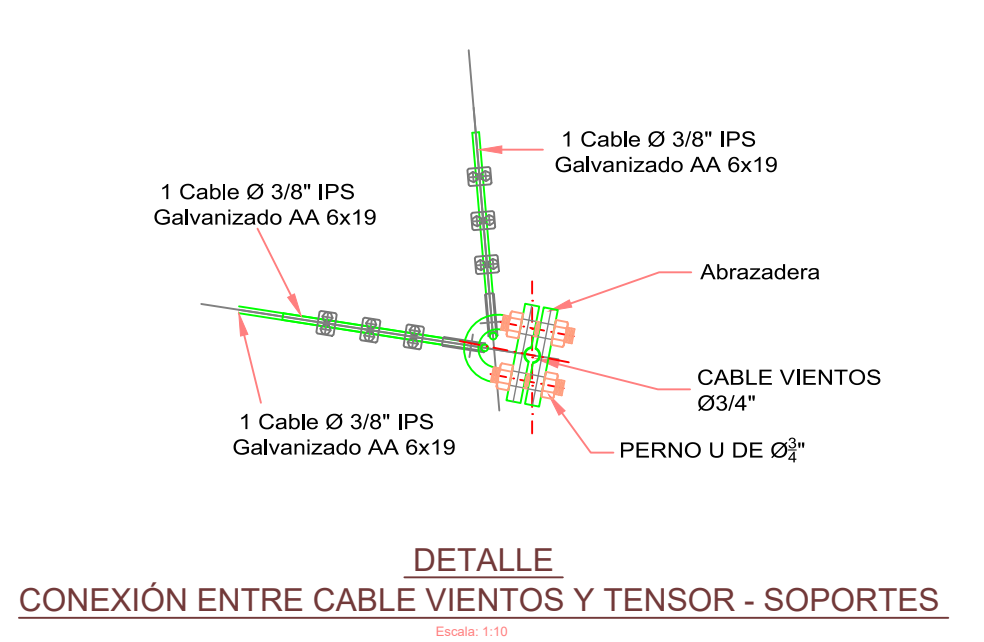
CORTE D-D



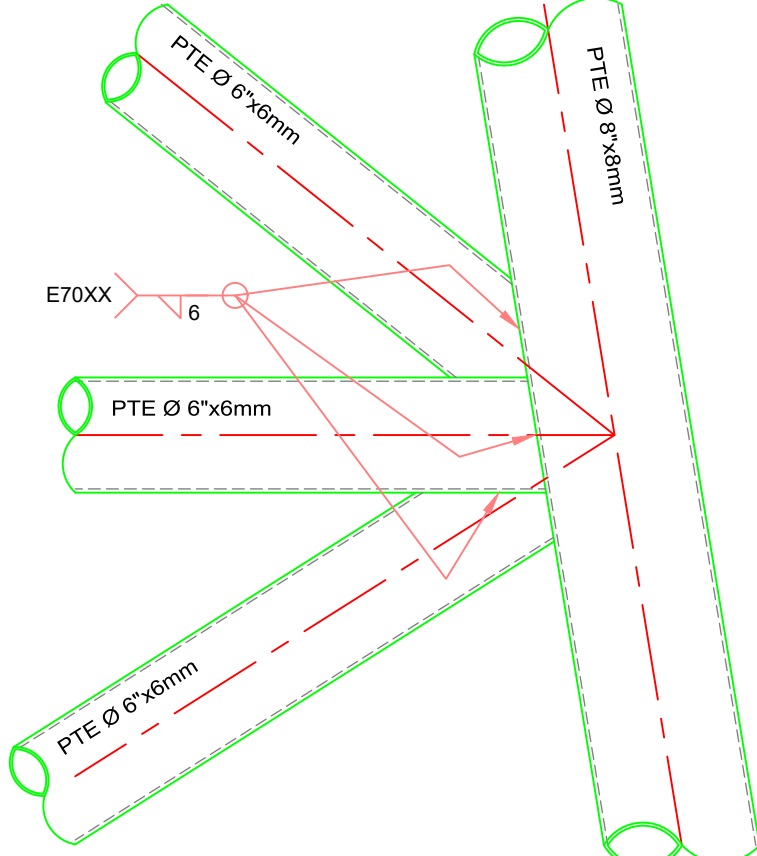
CORTE F-F



DETALLE ALZADO CONEXIÓN ENTRE CABLE PRINCIPAL Y PENDOLÓN



DETALLE CONEXIÓN ENTRE CABLE VIENTOS Y TENSOR - SOPORTES



DETALLE CONEXIÓN TIPO SOLDADA EN ELEMENTOS DE TORRES

| LISTA DE MATERIALES |     |      |                                             |               |                |          |     |      |             |
|---------------------|-----|------|---------------------------------------------|---------------|----------------|----------|-----|------|-------------|
| CONJUNTO            | POS | CANT | DESCRIPCION                                 | PESO TOTAL kg | ESPECIFICACION | CONJUNTO | POS | CANT | DESCRIPCION |
| PLATINAS            | 4   |      | LAM 22x300x300                              | 172.70        | 62.17          | A-36     | 4   |      |             |
|                     | 32  |      | LAM 18x70x70                                | 78.50         | 12.31          | A-36     | 32  |      |             |
|                     | 16  |      | LAM 13x40x150                               | 102.05        | 9.79           | A-36     | 16  |      |             |
|                     | 8   |      | LAM 20x24x100                               | 157.00        | 29.39          | A-36     | 8   |      |             |
|                     | 4   |      | LAM 22x40x400                               | 172.70        | 110.53         | A-36     | 4   |      |             |
|                     | 24  |      | LAM 22x40x190                               | 172.70        | 189.00         | A-36     | 24  |      |             |
|                     | 4   |      | LAM 22x50x320                               | 172.70        | 55.26          | A-36     | 4   |      |             |
|                     | 4   |      | LAM 22x24x200                               | 172.70        | 46.58          | A-36     | 4   |      |             |
|                     | 4   |      | LAM 38x20x140                               | 288.50        | 43.43          | A-36     | 4   |      |             |
|                     | 4   |      | LAM 25x150x520                              | 196.25        | 61.23          | A-36     | 4   |      |             |
|                     | 8   |      | LAM 25x200x520                              | 196.25        | 163.28         | A-36     | 8   |      |             |
|                     | 8   |      | LAM 16x80x200                               | 78.50         | 4.77           | A-36     | 8   |      |             |
|                     | 4   |      | LAM 25x200x110                              | 196.25        | 17.27          | A-36     | 4   |      |             |
|                     | 8   |      | LAM 20x41x155                               | 157.00        | 79.82          | A-36     | 8   |      |             |
|                     | 8   |      | LAM 16x80x155                               | 78.50         | 6.62           | A-36     | 8   |      |             |
|                     | 88  |      | LAM 25x80x145                               | 196.25        | 200.33         | A-36     | 88  |      |             |
|                     | 88  |      | LAM 20x80x130                               | 157.00        | 143.69         | A-36     | 88  |      |             |
|                     | 44  |      | LAM 13x30x300                               | 102.05        | 349.00         | A-36     | 44  |      |             |
|                     | 88  |      | LAM 13x93x300                               | 102.05        | 216.39         | A-36     | 88  |      |             |
|                     | 44  |      | LAM 25x93x300                               | 196.25        | 208.06         | A-36     | 44  |      |             |
|                     | 44  |      | LAM 16x110x300                              | 125.60        | 157.50         | A-36     | 44  |      |             |
|                     | 66  |      | LAM 6x215x485                               | 47.10         | 277.75         | A-36     | 66  |      |             |
|                     | 22  |      | LAM 16x110x300                              | 125.60        | 78.75          | A-36     | 22  |      |             |
|                     | 44  |      | LAM 6x100x133                               | 47.10         | 23.80          | A-36     | 44  |      |             |
|                     | 176 |      | LAM 6x120x133                               | 47.10         | 114.26         | A-36     | 176 |      |             |
|                     | 22  |      | LAM 10x300x685                              | 78.50         | 344.54         | A-36     | 44  |      |             |
|                     | 22  |      | LAM 10x275x300                              | 78.50         | 142.47         | A-36     | 44  |      |             |
| TUBERIA             | T1  | 1    | TUBO Ø8"x8mmx1744                           | 42.54         | 1775.79        | A 500    | 1   |      |             |
|                     | T2  | 1    | TUBO Ø6"x8mmx82578                          | 24.02         | 1983.52        | A 500    | 1   |      |             |
| BARRAS              | B1  | 24   | BAR Ø7/8"x700                               | 3.97          | 66.77          | SAE 1020 | 24  |      |             |
|                     | B2  | 8    | BAR Ø1-1/2"x3565                            | 8.95          | 255.25         | SAE 1045 | 8   |      |             |
|                     | B3  | 8    | BAR Ø7/8"x2100                              | 3.05          | 51.24          | SAE 1045 | 8   |      |             |
|                     | B4  | 4    | BAR Ø1-1/2"x250                             | 8.95          | 8.95           | SAE 1020 | 4   |      |             |
|                     | B5  | 44   | BAR Ø3/4"x350                               | 1.00          | 15.40          | SAE 1020 | 38  |      |             |
|                     | B6  | 44   | BAR Ø7/8"x400                               | 3.05          | 53.68          | SAE 1020 | 38  |      |             |
| ACCESORIOS          | 12  |      | TERMINAL CÓNICO ABIERTO CABLE Ø1-1/8"       |               |                |          |     |      |             |
|                     | 4   |      | TERMINAL CÓNICO ABIERTO CABLE Ø3/4"         |               |                |          |     |      |             |
|                     | 264 |      | GRAPAS PARA CABLE DE Ø1/2"                  |               |                |          |     |      |             |
|                     | 660 |      | GRAPA PARA CABLE DE Ø3/8"                   |               |                |          |     |      |             |
| CABLES              |     |      | CABLE Ø1-1/8" 6x19 AA IPS SEALE GALVANIZADO |               |                |          | 249 | m    |             |
|                     |     |      | CABLE Ø3/4" 6x19 AA IPS SEALE GALVANIZADO   |               |                |          | 219 | m    |             |
|                     |     |      | CABLE Ø1/2" 6x19 AA IPS SEALE GALVANIZADO   |               |                |          | 217 | m    |             |
|                     |     |      | CABLE Ø3/8" 6x19 AA IPS SEALE GALVANIZADO   |               |                |          | 510 | m    |             |
| PESO TOTAL PLANO    |     |      |                                             | 7579.67       |                |          |     |      |             |

| CUADRO DE GANCHOS |        | CUADRO DE TRASLAPOS |           |
|-------------------|--------|---------------------|-----------|
| BARRA N°          | GANCHO | BARRA N°            | TRASLAPLO |
| 5                 | 12     | 3                   | 50        |
| 4                 | 20     | 4                   | 80        |
| 6                 | 25     | 5                   | 90        |
| 8                 | 30     | 6                   | 100       |
| 7                 | 35     | 7                   | 110       |
| 8                 | 40     | 8                   | 130       |